

Table 1. Working Storage Capacity by PAD District as of September 30, 2011
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	Ending Stocks	Utilization Rate ¹
	1	2	3	4	5			
Refineries								
Crude Oil	19,014	19,071	69,904	4,100	36,926	149,015	88,791	60%
Fuel Ethanol	245	118	188	101	69	721	474	66%
Natural Gas Plant Liquids and Liquefied Refinery Gases ²	2,856	9,979	24,108	509	2,208	39,660	20,795	52%
Propane/Propylene (dedicated) ³	633	3,556	3,919	156	211	8,475	4,971	NA
Motor Gasoline (incl. Motor Gasoline Blending Components)	15,831	28,301	56,403	6,699	27,777	135,011	70,394	52%
Distillate Fuel Oil	11,168	15,031	27,628	3,670	10,373	67,870	34,738	51%
Kerosene and Kerosene-type Jet Fuel	2,502	4,299	9,347	557	7,070	23,775	12,314	52%
Residual Fuel Oil	2,341	2,565	9,488	592	6,107	21,093	9,648	46%
Asphalt and Road Oil	2,451	8,603	4,821	2,185	3,022	21,082	9,403	45%
All Other ⁴	17,563	28,529	90,524	6,307	37,581	180,504	94,731	52%
Total ⁵	73,971	116,496	292,411	24,720	131,133	638,731	341,288	53%
Bulk Terminals (Including Fuel Ethanol Plants) ⁶								
Fuel Ethanol	13,221	13,913	6,222	383	4,128	37,867	17,990	48%
Natural Gas Plant Liquids and Liquefied Refinery Gases ²	8,656	56,630	291,515	42	8,166	365,009	104,200	29%
Propane/Propylene (dedicated) ³	7,019	23,823	81,532	32	2,202	114,608	43,603	NA
Motor Gasoline (incl. Motor Gasoline Blending Components)	72,223	50,508	52,190	3,855	23,459	202,235	93,170	46%
Distillate Fuel Oil	83,844	35,119	38,290	2,387	13,604	173,244	85,763	50%
Kerosene and Kerosene-type Jet Fuel	12,505	6,641	6,324	462	8,506	34,438	20,261	59%
Residual Fuel Oil	25,103	1,292	32,169	-	4,337	62,901	25,061	40%
Asphalt and Road Oil	10,720	14,059	3,885	1,838	3,108	33,610	9,010	27%
All Other ⁷	8,986	4,426	15,379	47	1,630	30,468	11,234	37%
Total	235,258	182,588	445,974	9,014	66,938	939,772	366,689	39%
Product Pipelines								
Fuel Ethanol	-	-	-	-	-	-	-	-
Natural Gas Plant Liquids and Liquefied Refinery Gases ²	32	4,136	1,166	-	-	5,334	2,295	43%
Propane/Propylene (dedicated) ³	-	2,159	-	-	-	2,159	878	NA
Motor Gasoline (incl. Motor Gasoline Blending Components)	15,731	10,979	14,299	471	2,466	43,946	14,685	33%
Distillate Fuel Oil	11,064	5,878	12,025	450	718	30,135	11,432	38%
Kerosene and Kerosene-type Jet Fuel	5,643	2,888	5,096	12	712	14,351	5,786	40%
All Other ⁸	296	217	125	19	3	660	190	29%
Total	32,766	24,098	32,711	952	3,899	94,426	34,388	36%
Crude Oil Tank Farms								
Crude Oil (Excluding SPR)	2,730	92,723	182,550	10,186	27,397	315,586	139,613	44%
Cushing, Oklahoma	--	55,010	--	--	--	55,010	29,249	53%
Strategic Petroleum Reserve	-	-	727,000	-	-	727,000	695,023	96%

¹ Utilization rate for refineries, bulk terminals and fuel ethanol plants equals stocks divided by storage capacity.

Utilization rates for product pipelines and crude oil tank farms equals stocks divided by storage capacity of tanks and underground caverns. It does not include pipeline fill.

² Includes storage capacity for ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, isobutylene, and pentanes plus stored separately or in mixes.

³ Dedicated Propane/Propylene storage capacity includes storage capacity for propane and propylene stored separately. It excludes capacity for storing propane and propylene as a component of mixed natural gas plant liquids and liquefied refinery gases. Ending stocks are provided for comparison, but storage capacity utilization is not calculated because ending stocks include propane and propylene stored in mixes as well as in dedicated storage.

⁴ All Other storage capacity at refineries includes oxygenates and renewable fuels (except fuel ethanol), other hydrocarbons, unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, petrochemical feedstocks, wax, and miscellaneous products.

⁵ Excludes petroleum coke.

⁶ Includes ending stocks of fuel ethanol at ethanol plants. Excludes ending stocks of pentanes plus, MTBE, ETBE, other oxygenates, finished motor gasoline and motor gasoline blending components at fuel ethanol plants.

⁷ All Other storage capacity at terminals includes oxygenates and renewable fuels (except fuel ethanol), unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, wax, and miscellaneous products.

⁸ All Other storage capacity at pipelines includes oxygenates and renewable fuels (except fuel ethanol), aviation gasoline, residual fuel oil and miscellaneous products.

Source: Energy Information Administration, Form EIA-810 "Monthly Refinery Report", Form EIA-812 "Monthly Product Pipeline Report", Form EIA-813 "Monthly Crude Oil Report", Form EIA-815 "Monthly Bulk Terminal and Blender Report", Form EIA-819 "Monthly Oxygenate Report"

Table 2. Net Available Shell Storage Capacity by PAD District as of September 30, 2011
(Thousand Barrels)

Commodity	PAD Districts										U.S. Total	
	1		2		3		4		5			
	In Operation	Idle ¹	In Operation	Idle ¹	In Operation	Idle ¹	In Operation	Idle ¹	In Operation	Idle ¹	In Operation	Idle ¹
Refineries												
Crude Oil	21,811	2,057	22,596	429	82,794	4,042	4,655	289	41,443	1,773	173,299	8,590
Fuel Ethanol	282	-	145	5	202	-	118	5	80	-	827	10
Natural Gas Plant Liquids and Liquefied Refinery Gases ²	3,211	-	10,719	683	27,415	49	565	21	2,389	6	44,299	759
Propane/Propylene (dedicated) ³	721	-	3,821	215	4,002	-	171	12	241	1	8,956	228
Motor Gasoline (incl. Motor Gasoline Blending Components)	17,904	1,638	32,424	1,035	66,150	2,100	7,598	78	32,027	620	156,103	5,471
Distillate Fuel Oil	12,178	1,076	16,368	529	30,902	574	3,938	90	11,563	165	74,949	2,434
Kerosene and Kerosene-type Jet Fuel	2,772	155	4,839	44	10,719	252	612	5	8,103	124	27,045	580
Residual Fuel Oil	2,576	758	2,909	50	11,102	346	645	11	6,847	15	24,079	1,180
Asphalt and Road Oil	2,633	30	9,609	212	5,337	338	2,416	64	3,251	229	23,246	873
All Other ⁴	19,785	1,037	31,957	1,090	102,205	6,071	7,030	534	42,504	1,094	203,481	9,826
Total ⁵	83,152	6,751	131,566	4,077	336,826	13,772	27,577	1,097	148,207	4,026	727,328	29,723
Bulk Terminals (Including Fuel Ethanol Plants)												
Fuel Ethanol	15,383	72	15,913	168	6,909	52	425	7	4,716	23	43,346	322
Natural Gas Plant Liquids and Liquefied Refinery Gases ²	9,250	5	66,440	3,187	342,197	3,757	52	-	8,723	-	426,662	6,949
Propane/Propylene (dedicated) ³	7,545	3	27,357	2,009	93,966	-	41	-	2,355	-	131,264	2,012
Motor Gasoline (incl. Motor Gasoline Blending Components)	81,610	1,385	57,856	559	59,724	309	4,317	-	27,018	421	230,525	2,674
Distillate Fuel Oil	92,161	1,791	39,206	650	43,311	176	2,640	11	15,518	64	192,836	2,692
Kerosene and Kerosene-type Jet Fuel	14,279	169	7,230	-	7,015	5	541	-	9,303	208	38,368	382
Residual Fuel Oil	26,825	620	1,444	174	33,390	118	-	-	4,943	-	66,602	912
Asphalt and Road Oil	11,432	185	15,032	608	4,247	86	2,017	-	3,401	4	36,129	883
All Other ⁶	9,718	581	4,835	293	16,407	123	55	-	1,983	20	32,998	1,017
Total	260,658	4,808	207,956	5,639	513,200	4,626	10,047	18	75,605	740	1,067,466	15,831
Product Pipelines												
Fuel Ethanol	-	-	-	-	-	-	-	-	-	-	-	-
Natural Gas Plant Liquids and Liquefied Refinery Gases ²	35	-	4,439	2	1,228	-	-	-	-	-	5,702	2
Propane/Propylene (dedicated) ³	-	-	2,276	-	-	-	-	-	-	-	2,276	-
Motor Gasoline (incl. Motor Gasoline Blending Components)	18,581	414	12,261	44	18,943	527	515	-	2,911	-	53,211	985
Distillate Fuel Oil	12,248	143	6,543	75	14,140	721	511	-	882	-	34,324	939
Kerosene and Kerosene-type Jet Fuel	6,558	73	3,146	258	6,354	80	13	-	821	-	16,892	411
All Other ⁷	313	-	223	-	132	-	18	2	4	-	690	2
Total	37,735	630	26,612	379	40,797	1,328	1,057	2	4,618	-	110,819	2,339
Crude Oil Tank Farms												
Crude Oil (Excluding SPR)	3,196	-	112,235	1,750	206,326	2,352	12,392	257	33,909	1,538	368,058	5,897
Cushing, Oklahoma	--	--	66,086	317	--	--	--	--	--	--	66,086	317
Strategic Petroleum Reserve	-	-	-	-	727,000	-	-	-	-	-	727,000	-

¹ Idle tanks and caverns are those that were not capable of being used to hold stocks on the report date, but could be placed in operation within 90 days of the report date after maintenance or repair.

² Includes storage capacity for ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, isobutylene, and pentanes plus stored separately or in mixes.

³ Dedicated Propane/Propylene storage capacity includes storage capacity for propane and propylene stored separately. It excludes the propane component of mixed natural gas plant liquids and liquefied refinery gases storage.

⁴ All Other storage capacity at refineries includes oxygenates and renewable fuels (except fuel ethanol), other hydrocarbons, unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, petrochemical feedstocks, wax, and miscellaneous products.

⁵ Excludes petroleum coke.

⁶ All Other storage capacity at terminals includes oxygenates and renewable fuels (except fuel ethanol), unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, wax, and miscellaneous products.

⁷ All Other storage capacity at pipelines includes oxygenates and renewable fuels (except fuel ethanol), aviation gasoline, residual fuel oil and miscellaneous products.

Source: Energy Information Administration, Form EIA-810 "Monthly Refinery Report", Form EIA-812 "Monthly Product Pipeline Report", Form EIA-813 "Monthly Crude Oil Report", Form EIA-815 "Monthly Bulk Terminal and Blender Report", Form EIA-819 "Monthly Oxygenate Report"

Table 3. Net Available Shell Storage Capacity of Terminals and Crude Oil Tank Farms as of September 30, 2011¹
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil (Excluding SPR)						
Capacity In Operation	3,196	112,235	206,326	12,392	33,909	368,058
Percent Exclusive Use ²	94%	52%	67%	90%	65%	63%
Percent Leased to Others	6%	48%	33%	10%	35%	37%
Cushing, Oklahoma						
Capacity In Operation	--	66,086	--	--	--	66,086
Percent Exclusive Use ²	--	42%	--	--	--	42%
Percent Leased to Others	--	58%	--	--	--	58%
Fuel Ethanol						
Capacity In Operation	15,179	6,520	6,484	295	4,520	32,998
Percent Exclusive Use ²	61%	52%	40%	92%	65%	56%
Percent Leased to Others	39%	48%	60%	8%	35%	44%
Natural Gas Plant Liquids and Liquefied Refinery Gases³						
Capacity In Operation	9,250	66,440	342,197	52	8,723	426,662
Percent Exclusive Use ²	64%	23%	15%	100%	58%	18%
Percent Leased to Others	36%	77%	85%	0%	42%	82%
Propane/Propylene (dedicated)⁴						
Capacity In Operation	7,545	27,357	93,966	41	2,355	131,264
Percent Exclusive Use ²	75%	20%	11%	100%	71%	17%
Percent Leased to Others	25%	80%	89%	0%	29%	83%
Motor Gasoline (incl. Motor Gasoline Blending Components)						
Capacity In Operation	81,610	57,856	59,724	4,317	27,018	230,525
Percent Exclusive Use ²	64%	73%	31%	90%	51%	57%
Percent Leased to Others	36%	27%	69%	10%	49%	43%
Distillate Fuel Oil						
Capacity In Operation	92,161	39,206	43,311	2,640	15,518	192,836
Percent Exclusive Use ²	62%	64%	29%	89%	45%	54%
Percent Leased to Others	38%	36%	71%	11%	55%	46%
Kerosene and Kerosene-type Jet Fuel						
Capacity In Operation	14,279	7,230	7,015	541	9,303	38,368
Percent Exclusive Use ²	52%	73%	26%	29%	43%	49%
Percent Leased to Others	48%	27%	74%	71%	57%	51%
Residual Fuel Oil						
Capacity In Operation	26,825	1,444	33,390	-	4,943	66,602
Percent Exclusive Use ²	43%	49%	4%	-	30%	23%
Percent Leased to Others	57%	51%	96%	-	70%	77%
Asphalt and Road Oil						
Capacity In Operation	11,432	15,032	4,247	2,017	3,401	36,129
Percent Exclusive Use ²	37%	76%	76%	59%	76%	63%
Percent Leased to Others	63%	24%	24%	41%	24%	37%
All Other⁵						
Capacity In Operation	9,718	4,835	16,407	55	1,983	32,998
Percent Exclusive Use ²	47%	69%	9%	98%	61%	32%
Percent Leased to Others	53%	31%	91%	2%	39%	68%
Total						
Capacity In Operation	263,650	310,798	719,101	22,309	109,318	1,425,176
Percent Exclusive Use ²	59%	53%	32%	85%	55%	44%
Percent Leased to Others	41%	47%	68%	15%	45%	56%

¹ Includes storage capacity of terminals and crude oil tank farms. Excludes storage capacity of refineries, fuel ethanol plants, and pipelines.

² Percent exclusive use is that portion of capacity in operation that is for the exclusive use of the operating company.

³ Includes storage capacity for ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, isobutylene, and pentanes plus stored separately or in mixes.

⁴ Dedicated Propane/Propylene storage capacity includes storage capacity for propane and propylene stored separately. It excludes the propane component of mixed natural gas plant liquids and liquefied refinery gases storage.

⁵ All Other storage capacity at terminals includes oxygenates and renewable fuels (except fuel ethanol), unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, wax, and miscellaneous products.

Source: Energy Information Administration, Form EIA-813 "Monthly Crude Oil Report", Form EIA-815 "Monthly Bulk Terminal and Blender Report"